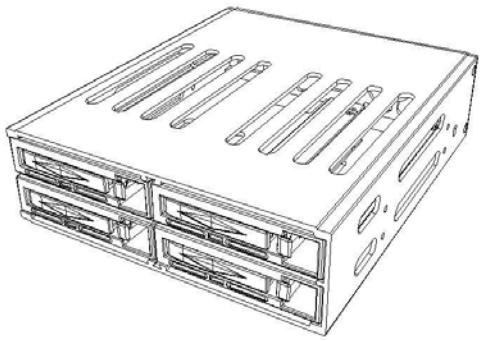
SS-40WM Quartet Mobile Backplane

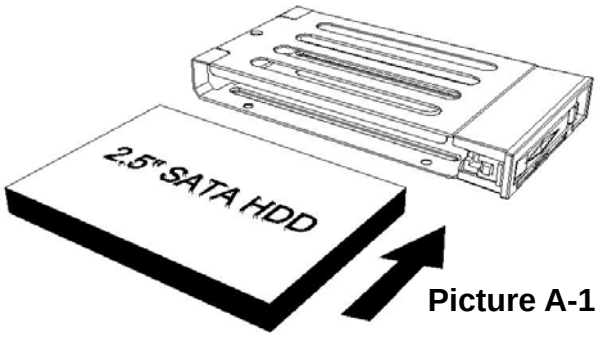
User's Manual

Features of product ---

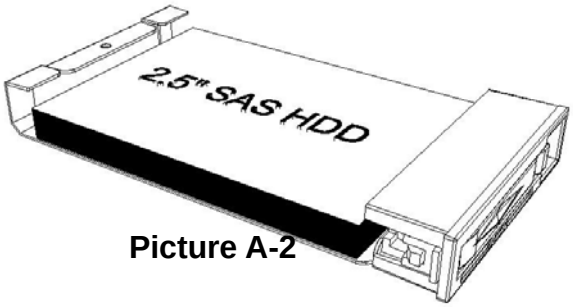
- **Frame: Aluminum material Front tray: Plastic material**
- **Interface: Support SAS, SATA-I, SATA-II**
- **Form Factor: 1 x 5.25" Bay for 4 x 2.5" SAS & SATA Hard Drive(SSD)**
- **High performance transfer rate up to SAS 6Gb/s & SATA 6Gb/s**
- **Support RAID 0,1,5 Functions (Need an optional SAS or SATA Raid Control Card)**
- **Plug & play, hot swappable**
- **Support 2.5" single hard drive up to 15mm thickness in height**
- **With 4Pin Power connector and 7Pin Signal connector**
- **Cooling fan: Built-in 2 X 4cm(4020) FAN**
- **LED for Power & HDD access**
- **Color for choice: Standard color is black [Other colors are options]**
- **Dim:175(L) X 146(W) X 42(H) mm**
- **Weight : 0.79KG**



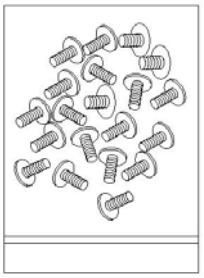
--Solid HDD Inner tray with strip-heat ventilating holder --



Picture A-1



Picture A-2



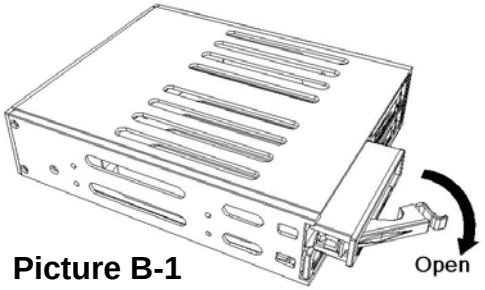
HDD Installation:

1. **For 2.5"SATA HDD(SSD), put it into the tray as it showed on Picture A-1 and use the provided screws to mount it on the HDD tray one by one.**
2. **For 2.5"SAS HDD or HDD with more than 10.5mm in height, loose the cover-mounting screw and remove the upper cover. And then, mount the SAS HDD or the thick HDD on the open tray (Note: after SAS HDD installed, do not put on the upper cover, because the SAS HDD height is higher(Picture A-2). This HDD tray can fit the HDD max to 14.5mm high.**

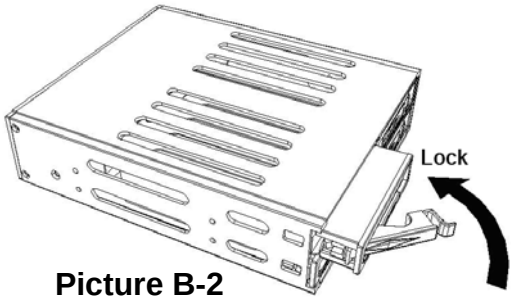
---Safety Lock---

The mechanical lock design keeps the HDD inside the frame and prevents it being taken

out while HDD is working. (See Picture B1 & B2)



Picture B-1



Picture B-2

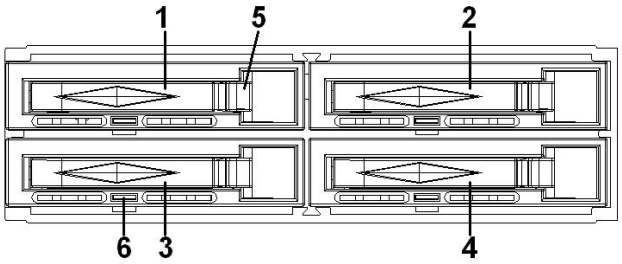
a) LOCK

Slide in the HDD tray and press the front handle to lock the HDD tray on the frame(See picture B-2).

b) OPEN

Use a finger to hold the "Clicker Lock" on the front panel and pull the HDD tray out(see Picture B-1)

---Front Panel & Real View--- (See Picture C & D)

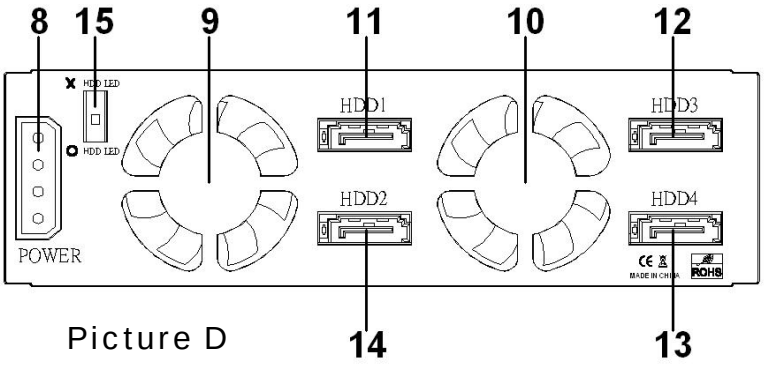


Picture C

C1--C4: HDD Tray

C5 : Mechanical lock for front panel

C6 : Blue color blinking while HDD is accessing. No LED indication if HDD not accessing.



Picture D

D8: 4pin Power connector D9—D10: Cooling FAN

D11, D12, D13, D14): For SATA or SAS data port connections to the host(SATA or SAS RAID controllers.)

D15: HDD LED Switch Indication description :

(a) When it is set to " ✕ " position, the front LED does NOT blinking while it is accessing [<u>In this case, the hard drives will spin up when the system power is turned on</u>].

(b) When it is set to "○" position, it is blue blinking while the HDD is being accessing. [<u>In this case, the HDD does not spin up until the SATA initial signal is received</u>].

(c) The default setting for D18 (HDD LED Switch) is to "○" position(HDD LED Enable).